Technical sheet:

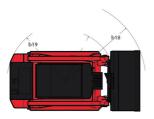
1650RT



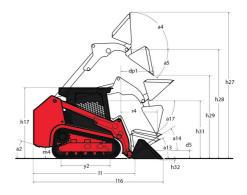


		d on 17 May 2024 at 7:02:37 AM UT
Capacities		Metric
Operating Weight		3638 kg
Unladen weight		3638 kg
Operating Capacity at 35% Tipping Load		748 kg
Operating Capacity At 50% Tipping Load		1069 kg
Tipping capacity		2139 kg
Weight and dimensions		
Overall Operating Height - Fully Raised	h27	4008 mm
Height to Hinge Pin – Fully Raised	h28	3038 mm
Dump reach - Full height	r6	641 mm
Dump angle at full height	a5	39 °
Dump Height - Fully Raised	h29	2329 mm 98 °
Maximum Rollback Angle - Fully Raised	a4	
Overall Height to top of ROPS	h17	1969 mm
Overall length with bucket	l16	3205 mm
Overall Length without Bucket	I1	2393 mm
Specified Height	h31	1638 mm
Reach at Specified Height	r4	559 mm
Dump angle at specified height	a17	73 °
Maximum Rollback Angle at Ground	a13	28 °
Carry Position	d5	198 mm
Maximum Rollback Angle at Carry Position	a14	28 °
Digging Position	h32	53 mm
Angle of Departure with STD Counterweight		28 °
Ground clearance	m4	185 mm
Track gauge	b10	1356 mm
Track Shoe Width	b20	320 mm
Crawler base	y2	1265 mm
Overall width less bucket	b1	1676 mm
Bucket Width	e1	1676 mm
Clearance Radius - Front with Bucket	b18	1979 mm
Clearance Circle - Rear	wa1	1440 mm
Maximum rollback at specified height	wa i	62 °
Angle of Approach	a3	90 °
	do	25 mm
Grouser Height		
Track Type / Track Rollers / Roller Type		Rubber / 3 / Steel
Performances		10.701
Ground Speed - Single Speed		10.50 km/h
Ground Speed - Two Speed		16.10 km/h
Drawbar Pull/Tractive Effort		4345 kg
Bucket Breakout - Tilt Cylinder		1919 kg
Bucket Breakout - Lift Cylinder		2295 kg
Engine		
Engine brand		Yanmar
Engine model		4TNV98C-NMS2
Motor Type		Radial Piston
Gross Power / Power		51.70 kW @ 2500 rpm
Net Power / Power		51 kW / 2500 rpm
Max. torque		241 Nm
I.C. Engine power rating		69.30 Hp
Battery voltage		12 V
Cold Cranking Amps at Temperature (CCA)		950 A
Alternator - Voltage / Ampere		12 V / 100 A
Hydraulics		12 17 100 //
Standard flow - Auxiliary hydraulics		71 l/min
Tank capacities		7 1 1/111111
		9
Oil Pan Capacity		
Hydraulic oil tank capacity		39
Fuel tank		62.50 I
Coolant system capacity		12.90 l
Displacement / Number of cylinders		3.301/4
Displacement / Number of cylinders Miscellaneous Ground Pressure		3.30 l / 4 0.45 bar

1650RT - Dimensional drawing







Equipment

Auxillary Hydraulics Standard Optional dight-Flow Auxillary Hydraulics Optional dight-Flow Auxillary Hydraulics Optional deal rax " Automatic Track Tensioning System Standard Power-A-Tach® Attachment Mounting System Optional Motorization/Power Standard Optional Motorization/Power Standard Optional Motorization/Power Standard Optional Motorization/Power Standard Optional Hydraulic Oil Cooler Standard Optional Standard Stand	Lifting function	
Electronic Attachment Control - 14-Pin Connector Igh-Flow Auxiliary Hydraulics dealTrax* Automatic Track Tensioning System Optional	All-Tach® Attachment Mounting System	Standard
dealTrax" Automatic Track Tensioning System Optional dealTrax" Automatic Track Tensioning System Optional Motorization/Power Opmination Radiator & Hydraulic Oil Cooler Obusi-Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard	Auxiliary Hydraulics	Standard
dealTrax* Automatic Track Tensioning System Optional Obver-A-Tach® Attachment Mounting System Optional Motorization/Power Combination Radiator & Hydraulic Oil Cooler Obual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Element Hydrostatic Drive Standard Element Hydrostatic Drive Standard Derector Station Air suspension seat Optional Element Element Hydrostatic Drive Standard Util-Function Display Screen Pressurized Cab Enclosure with A/C Rearview Camera Optional Rearview Camera Optional ROPS/FOPS Level II Overhead Guard Standard Standard Standard Standard Standard Deficial Side Windows Standard Standard Deficial Side Windows Standard Deficial Self-Leveling Hydraulic Lift Action 4 Optional Presumatics Rearview Camera Optional Rearview Camera Scendary functions Scelectable Self-Leveling Hydraulic Lift Action 4 Optional Rearview Incidence Standard Scendary functions Scounterweight Standard Dedicated Undercarriage Standard Standard Scendary functions Standard Standard Standard Standard Dedicated Undercarriage Standard Standard Standard Standard Standard Standard Standard Dedicated Undercarriage Standard Standard Standard Standard Standard Standard Standard Dedicated Undercarriage Standard Standard Standard Standard Dedicated Undercarriage Standard	Electronic Attachment Control - 14-Pin Connector	Optional
Power A-Tach® Attachment Mounting System Motorization/Power Combination Radiator & Hydraulic Oil Cooler Usual-Element Air Cleaner with Indicator Engine Auto-Shutdown System Standard Slowplugs Starts Assist Standard Slowplugs Starts Assist Standard Power Ochtrolled Hydrostatic Drive Standard Flow-Speed Hydrostatic Drive System Standard Power Speed Hydrostatic Drive Standard Sta	High-Flow Auxiliary Hydraulics	Optional
Motorization/Power Combination Radiator & Hydraulic Oil Cooler Standard Clear with Indicator Standard Slowplugs Starts Assist Standard Slowplugs Starts Assist Standard Servo-Controlled Hydrostatic Drive Standard Groe-Speed Hydrostatic Drive System Optional Cooler Throttle Standard Cooler Cooler Cooler Standard Cooler Cool	IdealTrax™ Automatic Track Tensioning System	Standard
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Dual-Element Air Cleaner with Indicator Standard Engine Auto-Shutdown System Standard Slowplugs Starts Assist Standard Serov-Controlled Hydrostatic Drive Standard Fow-Speed Hydrostatic Drive System Standard Deperator station Department of the System of Standard Foot Throttle Standard Foot Throttle Standard Foull-Suspension Seat Standard Multi-Function Display Screen Standard Pressurized Cab Enclosure with A/C Optional Rearriew Camera Optional ROPS/FOPS Level II Overhead Guard Standard Stiding Side Windows Standard Swing-out Cab Door Standard Other options Standard Relectable Self-Leveling Hydraulic Lift Action 4 Optional Prenumatics Standard Rubber Track Undercarriage System Standard Secondary functions Standard Secondary functions Standard Counterweight Standard Security Anti-Vandalism Lock Provisions Standard<	Motorization/Power	
Engine Auto-Shutdown System Standard Glowplugs Starts Assist Standard Servo-Controlled Hydrostatic Drive Standard Servo-Controlled Hydrostatic Drive Standard Deperator station Air suspension seat Optional Foot Throttle Standard Multi-Function Display Screen Pessurized Cab Enclosure with A/C Gearview Camera Optional Rearview Camera Optional Rearview Camera Optional Resident Glower Standard Standard Standard Standard Standard Standard Standard Standard Optional Rearview Camera Optional Rearview Camera Optional Resident Cab Door Standard	Combination Radiator & Hydraulic Oil Cooler	Standard
Slowplugs Starts Assist Standard Servo-Controlled Hydrostatic Drive Standard Fwo-Speed Hydrostatic Drive System Standard Sperator station Air suspension seat Optional Foot Throttle Standard Full-Suspension Seat Standard Multi-Function Display Screen Standard Multi-Function Display Screen Standard Multi-Function Display Screen Optional Rearview Camera Optional Rearview Camera Optional RoPS/FOPS Level II Overhead Guard Stiding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Secondary functions Counterweight Ocunterweight Standard Secondary functions Scalectable Undercarriage Standard Secondary functions Standard Standard Secondary functions Standard	Dual-Element Air Cleaner with Indicator	Standard
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Standard Operator station Air suspension seat Optional Foot Throttle Standard Foot Throttle Standard Foot Throttle Standard Foot Throttle Standard Multi-Function Display Screen Standard Multi-Function Display Screen Optional Rearview Camera Optional Rearview Camera Optional Rearview Camera Optional Rearview Undercamage Selectable Self-Leveling Hydraulic Lift Action 4 Optional Rearview Camera Optional Standard Standard Standard Optional Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Rearview Undercamage System Standard Standard Standard Scounderweight Oedicated Undercamage Security Anti-Vandalism Lock Provisions Standard Optional Standard Optional Standard Optional Standard	Glowplugs Starts Assist	Standard
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Pressurized Cab Enclosure with A/C Reaview Camera Optional ROPS/FOPS Level II Overhead Guard Stiding Side Windows Standard Swing-out Cab Door Standard Optional Presumatics Rubber Track Undercarriage System Standard Single Flange Front/Dual Flange Rear Idlers Counterweight Counterweight Dedicated Undercarriage Secondary functions Counterweight Anti-Vandalism Lock Provisions Standard Seconds Seconds Standard Standard Seconds Standard Standard Standard Standard Standard Standard	Full-Suspension Seat	Standard
Rearview Camera Optional ROPS/FOPS Level II Overhead Guard Standard Sliding Side Windows Standard Swing-out Cab Door Standard Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Rubber Track Undercarriage System Standard Single Flange Front/Dual Flange Rear Idlers Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Multi-Function Display Screen	Standard
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Other options Selectable Self-Leveling Hydraulic Lift Action 4 Optional Pneumatics Rubber Track Undercarriage System Standard Single Flange Front/Dual Flange Rear Idlers Scondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard	Sliding Side Windows	Standard
Selectable Self-Leveling Hydraulic Lift Action 4 Pneumatics Rubber Track Undercarriage System Standard Single Flange Front/Dual Flange Rear Idlers Scondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard	Swing-out Cab Door	Standard
Rubber Track Undercarriage System Standard Single Flange Front/Dual Flange Rear Idlers Standard Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Other options	
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Single Flange Front/Dual Flange Rear Idlers Secondary functions Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Pneumatics	
Secondary functions Standard Counterweight Standard Dedicated Undercarriage Standard Security Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Rubber Track Undercarriage System	Standard
Counterweight Standard Dedicated Undercarriage Standard Security Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Single Flange Front/Dual Flange Rear Idlers	Standard
Dedicated Undercarriage Standard Security Standard Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Secondary functions	
Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Counterweight	Standard
Anti-Vandalism Lock Provisions Standard Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Dedicated Undercarriage	Standard
Back-Up Alarm Optional Easy Manager Standard Engine Alert System with Error Display Standard	Security	
Easy Manager Standard Engine Alert System with Error Display Standard	Anti-Vandalism Lock Provisions	Standard
Engine Alert System with Error Display Standard	Back-Up Alarm	Optional
3 1 11/11	Easy Manager	Standard
Mechanical Lift Cylinder Lock Standard	Engine Alert System with Error Display	Standard
	Mechanical Lift Cylinder Lock	Standard





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